



ecology and environment, inc.

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International Specialists in the Environmental Sciences

US EPA RECORDS CENTER REGION 5



416110

DATE: February 4, 1983
TO: File/USEPA Region V
FROM: Mark Lunsford
SUBJECT: Preliminary Assessment

"PENDING"

Ohio/TDD#R5-8212-05A, PAG#110
Bedford/Ben Venue Laboratories
OHD091625749

Attached is EPA's Preliminary Assessment Form 2070-12 for the above referenced site.

Primary information was gathered from the following source(s):

1. Ecology and Environment files - Chicago
- 2.
- 3.

Information indicates the following responsible parties should be listed. They are listed here because of space limitations:

1. Kennedy Smith, President of Ben Venue
2. Stanley L. Morgan, Executive Vice-President
- 3.

Presently, data gaps or no verification exists in the following key area(s):

1. Waste types, quantities
2. Amounts of wastewater discharged into sanitary sewer
3. Wastewater constituent breakdown

A review of the available data indicates that additional information will be necessary to assess the impact(s) on:

1. Surface water - Tinker Creek tributary
2. Groundwater - recharge or discharge, proximity to aquifers in use?
- 3.
- 4.
- 5.

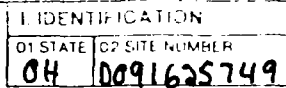
Suggested methods/sources for obtaining additional information are:

1. Site visit (last priority)
2. Kennedy Smith, President
3. Gary Gifford, Ohio EPA, NE District Office

Notice of an apparent need for emergency action was transmitted to none on none
by none.

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<div style="text-align: center;"> POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT </div>		I. IDENTIFICATION	
		01 STATE OH	02 SITE NUMBER D091625749
II. SITE NAME AND LOCATION			
01 SITE NAME (Legal, common, or descriptive name of site) BEN VENUE LABORATORIES		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER 270 NORTHFIELD RD.	
03 CITY BEDFORD	04 STATE OH	05 ZIP CODE 44146	06 COUNTY Cuyahoga
09 COORDINATES LATITUDE 41° 24' 35.0"		LONGITUDE 081° 31' 50.0"	
10 DIRECTIONS TO SITE (Starting from nearest public road): I-271. Take Rockside Road west to Northfield Rd. Turn north on Northfield Rd. to site.			
III. RESPONSIBLE PARTIES			
01 OWNER (If known): Kennedy Smith, President of Ben Venue		02 STREET (Business, mailing, residential): 270 Northfield Rd.	
03 CITY Bedford	04 STATE OH	05 ZIP CODE 44146	06 TELEPHONE NUMBER (216) 232-3320
07 OPERATOR (If known and different from owner): Same as Owner		08 STREET (Business, mailing, residential): 	
09 CITY 	10 STATE 	11 ZIP CODE 	12 TELEPHONE NUMBER ()
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER _____ (Specify) <input type="checkbox"/> G. UNKNOWN			
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply) <input type="checkbox"/> A. RCRA 3001 DATE RECEIVED NONE MONTH DAY YEAR <input checked="" type="checkbox"/> B. UNCONTROLLED WASTE SITE (CERCLA 103 c) DATE RECEIVED: 6 8 81 MONTH DAY YEAR <input type="checkbox"/> C. NONE			
IV. CHARACTERIZATION OF POTENTIAL HAZARD			
01 ON SITE INSPECTION <input checked="" type="checkbox"/> YES DATE 4 16 73 MONTH DAY YEAR <input type="checkbox"/> NO 9/30/80		BY (Check all that apply): <input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input checked="" type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: _____ (Specify) CONTRACTOR NAME(S): Ecology & Environment, Inc	
02 SITE STATUS (Check one) <input checked="" type="checkbox"/> A. ACTIVE <input type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		03 YEARS OF OPERATION BEGINNING YEAR _____ ENDING YEAR _____ <input checked="" type="checkbox"/> UNKNOWN	
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED sludges (toxic/persistent); acids (corrosives); heavy metals (toxic/persistent); oily waste (soluble/flamable); solvents (ignitable/volatile)			
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION contamination of surface water (Tinkers Creek) worker exposure/injury			
V. PRIORITY ASSESSMENT			
01 PRIORITY FOR INSPECTION (Check one) (If high or medium is checked, complete Part 2 - Waste Information and Part 3 - Description of Hazardous Conditions and Incidents): <input type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input checked="" type="checkbox"/> C. LOW PENDING (Inspect on time available basis) <input type="checkbox"/> D. NONE (No further action needed, complete current disposition form)			
VI. INFORMATION AVAILABLE FROM			
01 CONTACT Gary Gifford		02 OF (Agency Organization): Twinsburg, OH OEPA, NE District Office	
04 PERSON RESPONSIBLE FOR ASSESSMENT T. Stole		05 AGENCY EPA	06 ORGANIZATION WASTE MGMT DIV.
		07 TELEPHONE NUMBER ()	08 DATE 2 4 83 MONTH DAY YEAR



03 WASTE CHARACTERISTICS (Check all that apply.)

<input checked="" type="checkbox"/> A TOXIC	<input checked="" type="checkbox"/> E SOLUBLE	<input checked="" type="checkbox"/> I HIGHLY VOLATILE
<input checked="" type="checkbox"/> B CORROSIVE	<input type="checkbox"/> F INFECTIOUS	<input type="checkbox"/> J EXPLOSIVE
<input type="checkbox"/> C RADIOACTIVE	<input checked="" type="checkbox"/> G FLAMMABLE	<input type="checkbox"/> K REACTIVE
<input checked="" type="checkbox"/> D PERSISTENT	<input checked="" type="checkbox"/> H IGNITABLE	<input type="checkbox"/> L INCOMPATIBLE
		<input type="checkbox"/> M NOT APPLICABLE

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers.)

V. FEEDSTOCKS (See Appendix for CAS Numbers)

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis reports;)

Ohio EPA - NEDO Twinsburg, OH



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER
OH 0091625749

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION

02 ☐ OBSERVED (DATE _____)

☒ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED _____

04 NARRATIVE DESCRIPTION

Contaminants could leach from unlined lagoons into groundwater.
No private wells in vicinity.

01 ☒ B SURFACE WATER CONTAMINATION

02 ☒ OBSERVED (DATE 6-12-74)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED 15

04 NARRATIVE DESCRIPTION

Process wastewater from lab was discharged to an unnamed tributary of Tinkers Creek via a manhole in Bedford City storm sewer. On 4/16/73 Ohio Dept. of Health sampled overflowing lagoon and found 14 ppm (mg/l) of chrome.

01 ☐ C CONTAMINATION OF AIR

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED _____

04 NARRATIVE DESCRIPTION

01 ☒ D FIRE/EXPLOSIVE CONDITIONS

02 ☐ OBSERVED (DATE _____)

☒ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED 545

04 NARRATIVE DESCRIPTION

Isopropyl alcohol and ethanol are stored at plant.
Non-halogenated solvents are ignitable and highly volatile.

01 ☒ E DIRECT CONTACT

02 ☐ OBSERVED (DATE _____)

☒ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED 545

04 NARRATIVE DESCRIPTION

Poor site security.

01 ☒ F CONTAMINATION OF SOIL

02 ☒ OBSERVED (DATE 9/30/80)

☒ POTENTIAL

☒ ALLEGED

03 AREA POTENTIALLY AFFECTED 7 1/2 (Acres)

04 NARRATIVE DESCRIPTION

Waste piles, a crusted brown-black mound, and a hardened green patch were all noted at soil surface. Spilled barrels next to quarantine building were seen.

01 ☐ G DRINKING WATER CONTAMINATION

02 ☐ OBSERVED (DATE _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED 0

04 NARRATIVE DESCRIPTION

None. Entire area on Cleveland water supply.

01 ☒ H WORKER EXPOSURE/INJURY

02 ☐ OBSERVED (DATE _____)

☒ POTENTIAL

☐ ALLEGED

03 WORKERS POTENTIALLY AFFECTED 65

04 NARRATIVE DESCRIPTION

Respirators are used in plant mixing process.

01 ☒ I POPULATION EXPOSURE/INJURY

02 ☐ OBSERVED (DATE _____)

☒ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED 480

04 NARRATIVE DESCRIPTION

60 residential buildings within quarter-mile (population 180)
12 commercial/industrial buildings within quarter-mile (population 300)
Poor site security.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION
01 STATE 02 SITE NUMBER
OH 0091625749

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☒ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

Events described in item B previous page could have damaged vegetation around lagoons and in Tinkers Creek tributary.

01 ☒ K. DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

See item B. Spill into stream could have adversely impacted aquatic fauna.

01 ☒ L. CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

Item B. Aquatic food chain of Tinkers Creek and tributary could have been affected.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES
(Spills, runoff, standing liquids, leaking drums)

02 ☒ OBSERVED (DATE: 9/30/82)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED 545

04 NARRATIVE DESCRIPTION

Spilled barrels next to quarantine building. Waste piles. Unlined lagoons were reported to have overflowed 4/16/73

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: 6/21/74)

☐ POTENTIAL

☐ ALLEGED

Process wastewater discharge into Tinkers Creek tributary via city storm sewer. All process wastewater is now directed to the municipal sanitary sewer system.

01 ☒ P. ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☒ OBSERVED (DATE: 6/21/74)

☐ POTENTIAL

☐ ALLEGED

See item O.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

Site not secured; fence around lagoon is falling apart.

III. TOTAL POPULATION POTENTIALLY AFFECTED: 545

IV. COMMENTS

Ben Venue Labs produce synthetic hormones, chemotherapy agents, and dye for fluorescent paint. Wastes, oils, and solvents are hauled away by Triangle Reclamation, New Jersey; Ross and Grafton take other wastes. Two lagoons onsite have not been used since 1975; they are being filled. Municipal sanitary sewer receives all process wastewater.

V. SOURCES OF INFORMATION (Cite specific references & state files, sample analysis reports.)

E & E files, Region II Chicago

Ohio EPA - NEDO